

Claims

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2           1. Blow-off valve for a hydraulic dashpot comprising a  
3 fluid charged cylinder (1) and a piston (3) that travels back and  
4 forth therein on the end of a piston rod, whereby the piston  
5 partitions the cylinder into two compartments (6 & 7) and is  
6 provided with breaches (4) and shock-absorbing valves, and  
7 whereby the piston rod (2) or an extension (8) thereof is hollow  
8 and accommodates operating components (13), characterized in that  
9 either the outer surface of the piston rod is provided with at  
10 least one axial inwardly undulating groove (14) at least as long  
11 as the piston, including its fastenings and operating components,  
12 is high or the bore that extends through the piston rod or its  
13 extension and its fastenings and operating components is provided  
14 with a similar radially outward groove that can be closed off at  
15 the compression end by a spring-loaded valve.

16 low-off valve for a hydraulic dashpot comprising a fluid-charged  
17 cylinder (1) and a piston (3) that travels back and forth therein  
18 on the end of a piston rod, whereby the piston partitions the  
19 cylinder into two compartments (6 & 7) and is provided with  
20 breaches (4) and shock-absorbing valves, and whereby the piston  
21 rod (2) or an extension (8) thereof is hollow and accommodates  
22 operating components (13), characterized in that either the outer  
23 surface of the piston rod is provided with at least one axial  
24 inwardly undulating groove (14) at least as long as the piston,  
25 including its fastenings and operating components, is high or the

1 bore that extends through the piston rod or its extension and its  
2 fastenings and operating components is provided with a similar  
3 radially outward groove that can be closed off at the compression  
4 end by a spring-loaded valve.

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6           2. Blow-off valve as in Claim 1, characterized in that  
7 the groove or grooves (14) open into an annular depression (16)  
8 outside the piston (3) and provided with a bed (17), whereby the  
9 spring-loaded valve is in the form of a disc (18), its edge  
10 resting on the bed.

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